

**From:** [JOHNSON Keith](#)  
**To:** [Chip Humphrey/R10/USEPA/US@EPA](#); [ANDERSON Jim M](#); [JOHNSON Keith](#)  
**Cc:** [Sylvia Kawabata/R10/USEPA/US@EPA](#); [Eric Blischke/R10/USEPA/US@EPA](#); [JOHNSON Keith](#)  
**Subject:** RE: Bruce Hope  
**Date:** 10/19/2005 04:37 PM

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Message received loud and clear. I have forwarded this to Bruce's supervisor and am having some discussions about what is on Bruce's plate now and upcoming. I should have a better read in two weeks.

Keith

-----Original Message-----

From: Humphrey.Chip@epamail.epa.gov  
[mailto:Humphrey.Chip@epamail.epa.gov]  
Sent: Thursday, October 13, 2005 2:00 PM  
To: ANDERSON Jim M; JOHNSON Keith  
Cc: Kawabata.Sylvia@epamail.epa.gov; Blischke.Eric@epamail.epa.gov  
Subject:

Keith and Jim,

The Portland Harbor government team formally requests assistance from DEQ to have Bruce Hope work actively on and participate in the Portland Harbor food web modeling effort. The food web model is critical to conducting an effective risk assessment for the Portland Harbor remedial investigation and feasibility study; an essential ingredient to making sound cleanup decisions. It is also likely that the model developed for Portland Harbor will be useful for assessing bioaccumulation at other hazardous waste facilities along the Willamette River and within the State, and will greatly facilitate cleanup of sites where bioaccumulation assessment is slowing down the process. Presently, the government team has limited food web modeling expertise, and Bruce's knowledge, skills, experience and interest in food web modeling are greatly needed.

Specifically, the Portland Harbor government team needs Bruce to:

- \* Collaborate with and provide direction to the Lower Willamette Group (LWG) in developing an effective food web model and structure for Portland Harbor.
- \* Advise the government team on the various technical parameters that need to be used in an effective model, as well as specific data inputs that accurately represent the river's ecosystem, its physical variability, contaminant bioavailability, pathways, receptors and sources.
- \* Analyze "runs" of the food web model for effectiveness on behalf of the government team and review modeling runs and analyses that the LWG produces.
- \* Contribute to the development of clear direction from the government team to the LWG on the expected process and results of the food web modeling effort.

Requirements for Bruce's time may vary depending on the level of collaboration achieved with the LWG on developing an effective food web model. We estimate that 25% of Bruce's time is needed through November and December 2005, with some potential spill-over into January, during development and testing of the model, and 5 - 10% of his time will be needed through June 2006 during our refinement of the model.

Again, developing an effective food web model for the Portland Harbor RI/FS is essential to the project's success, and Bruce's involvement will fill a critical need for the government team. The Portland Harbor Technical Coordination Team supports this request, including the following key members:

Burt Shephard, EPA  
Joe Goulet, EPA  
Dana Davoli, EPA  
Jeremy Buck, USFWS  
Valerie Lee, EI, Common Consultant for six Tribal Governments  
Chris Thompson, EI  
Jennifer Peterson, DEQ  
Mike Poulsen, DEQ  
Mikell O'Mealy, DEQ

As Portland Harbor Project Managers, we ask you to approve this request by allowing Bruce to work on the project as described above. We appreciate your support.

Sincerely,

Eric and Chip